

Rabbit anti-Human Mre11 Polyclonal Antibody | anti-Mre11 antibody

Mre11 (Phospho-Ser676) Antibody

CATALOG # AAA309141	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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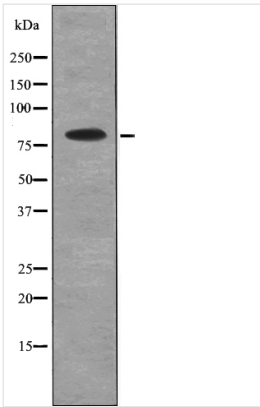
PRODUCT SYNONYMS

Mre11; Polyclonal Antibody; Mre11 (Phospho-Ser676) Antibody; MRE11A; AT-like disease; Endo/exonuclease Mre11; HNGS1; MRE11; MRE11 homolog 1; MRE11 homolog A; MRE11B; ATLD; anti-Mre11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Mre11 (Phospho-Ser676) Antibody detects endogenous levels of Mre11 only when phosphorylated at Ser676
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Form/Format	Lyophilized from a 0.22 filtered solution of PBS, pH 7.4.
Concentration	1 mg/ml (varies by lot)
Sequence Length	680
Applicable Applications for anti-Mre11 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human Mre11 (Phospho-Ser676)
Immunogen Type	Peptide
Tags	C-Rabbit Fc
Endotoxin	<0.1EU/ug
Formulation	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Reconstitution	Centrifuge the vial before opening.Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex of vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (eg. 0.1% BSA, 5% HSA, 10% PBS or 5% Trehalose) and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Modification	Phospho-Ser676
Preparation and Storage	Store at -20 degree .Store the lyophilized protein at -20 degree to -80 degree for 12 months After reconstitution, the protein solution is stable at -20 degree for 3 months, at 2-8 degree for up to 1 week. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis Mre11 (Phospho-Ser676) using serum treated COS7 whole cell lysates

ADDITIONAL INFORMATION

Product Categories/Family for anti-Mre11 antibody	Phospho-specific Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24234690
NCBI GeneID	4361
NCBI Accession #	NP_005581.2
NCBI GenBank Nucleotide #	NM_005590.3
UniProt Accession #	P49959; O43475; B3KTC7
NCBI Official Full Name	double-strand break repair protein MRE11A isoform 2
NCBI Official Synonym Full Names	MRE11 homolog, double strand break repair nuclease
NCBI Official Symbol	MRE11
NCBI Official Synonym Symbols	ATLD; HNGS1; MRE11A; MRE11B
NCBI Protein Information	double-strand break repair protein MRE11A
UniProt Protein Name	Double-strand break repair protein MRE11A
UniProt Gene Name	MRE11A
UniProt Synonym Gene Names	HNGS1; MRE11; MRE11 homolog 1; MRE11 homolog A
UniProt Entry Name	MRE11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.